IN THE ABSTRACT

Abstract of the Disclosure

A sound generating apparatus ~~is provided. The apparatus~~ comprises a first cavity 110, a second cavity 120 and an electro-mechanical transducer 100~~. The electro-mechanical transducer 100 is employed to emit~~ that emits sound waves into the first cavity ~~110~~ and the second cavity~~ 120~~. A ~~further~~ third cavity 130 ~~is additionally comprised in the apparatus. This third cavity 130~~ is connected to both the first ~~cavity 110 and the second cavity 120~~and second cavities via a first passage 115 and a second passage ~~125~~125~~. both being of individual pre-defined shape and dimensions. The first passage 115 serves as a sound waves passage allowing sound~~ Sound waves of the first cavity 110 ~~for passing~~pass to the third cavity 130, via the first cavity and ~~.~~ ~~The~~the second passage ~~125~~ serves as a ~~sound waves~~ passage ~~allowing~~for sound waves ~~of the second cavity 120 for passing~~ to the third cavity 130. ~~These passed~~Passed through sound waves are mixed in the third cavity 130 and are allowed for passing through one or several outlets 150 for emitting sound into an exterior of the apparatus. ~~Further, a~~ A mobile electric device is provided having integrated the above described sound generating apparatus and a system for generating sound of improved quality being based on components integrated in the ~~above described~~ sound generating apparatus.

~~(Fig. 1)~~